



DFW

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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RE: Preliminary Amendment to 10/605316

Cross Reference To Related Applications

N/A

Background of Invention

4,045,351	8/1977	Peterson.....	210/238
4,224,701	9/1980	Huang.....	4/206
4,949,406	8/1990	Canelli.....	4/288
5,236,137	8/1993	Coogan.....	241/30
5,413,705	5/1995	Tammera et all.....	210/94
6,385,799 B1	5/2002	Doyen.....	4/679
6,558,538 B2	5/2003	Scuilla et all.....	210/198.1
6,609,259	8/2003	Cantrell.....	4/688

Claims

[c6] A device manufactured as molded chemically resistant plastic insert able device into the sink drain consisting of a top rail, a bottom rail, four equally spaced quadrant side bars and four tapered helicoidally twisted directional vanes tapered from top to bottom so as avoid collecting debris from the draining liquids.